

FIGURE 1

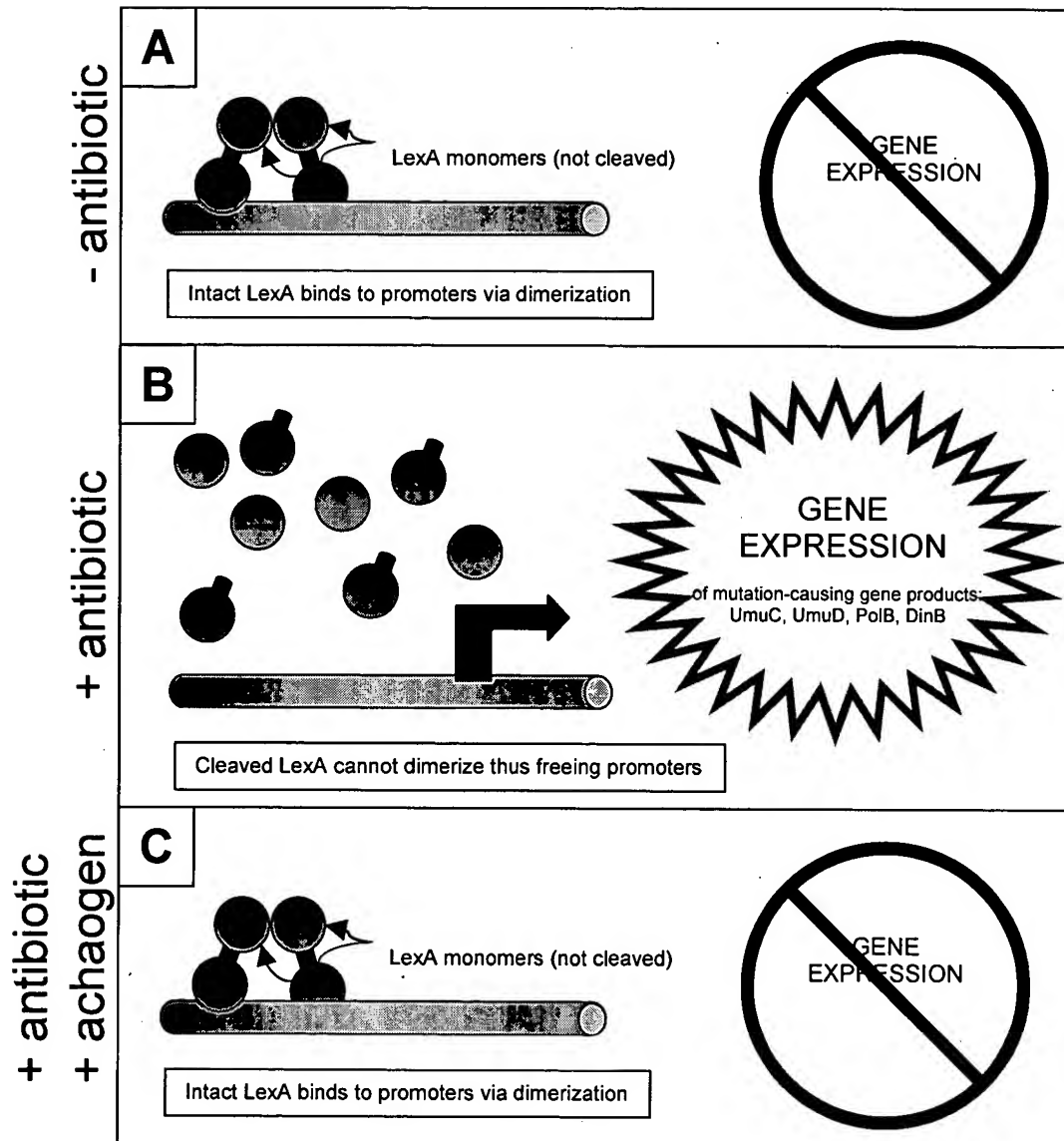


FIGURE 2

X=Ala,Asn,Gly,Gln,Glu,His,Ile,Leu,Met,Phe,Pro,Thr,Trp,Tyr,Val

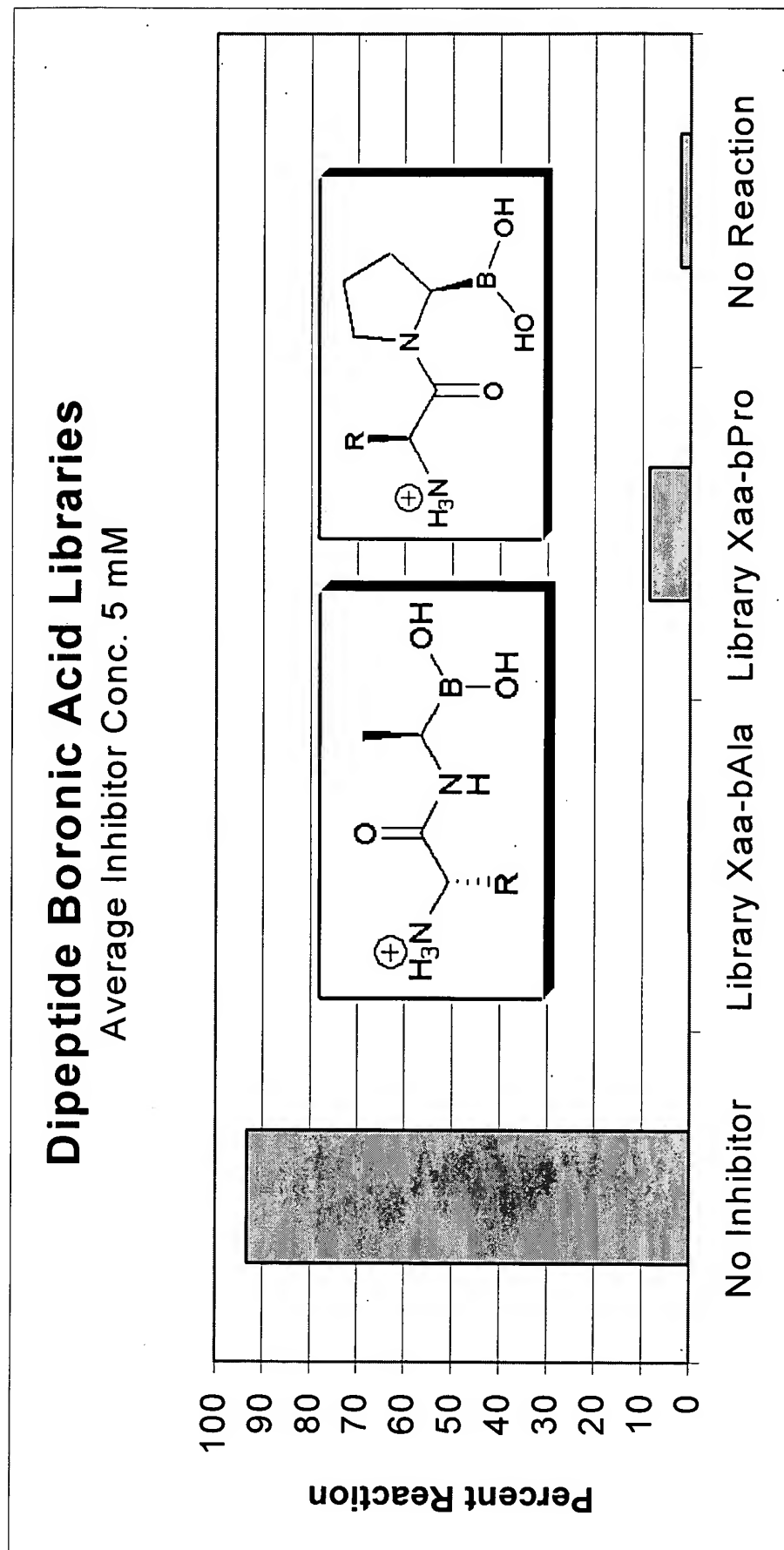


FIGURE 3

# **Acetylated Dipeptide Boronic Acids** Average Inhibitor Conc. 8 mM

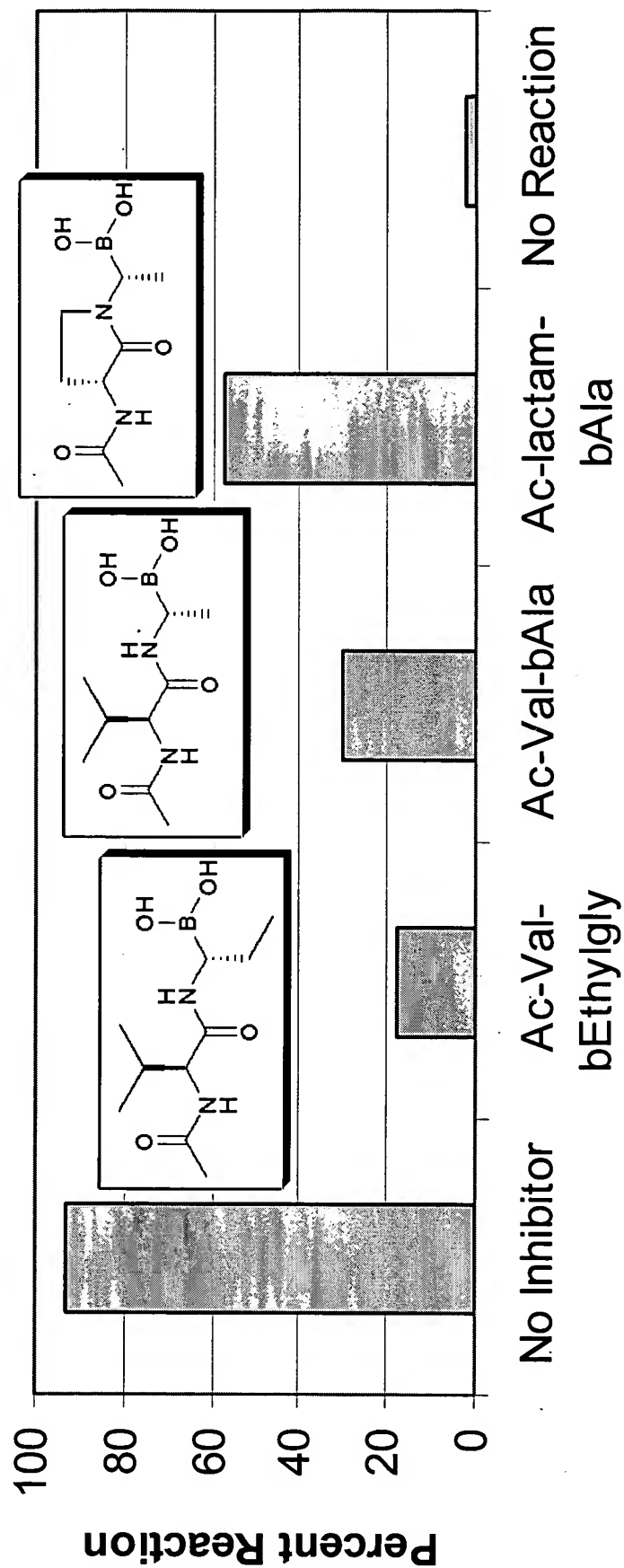
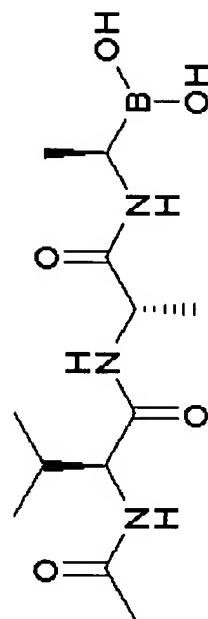
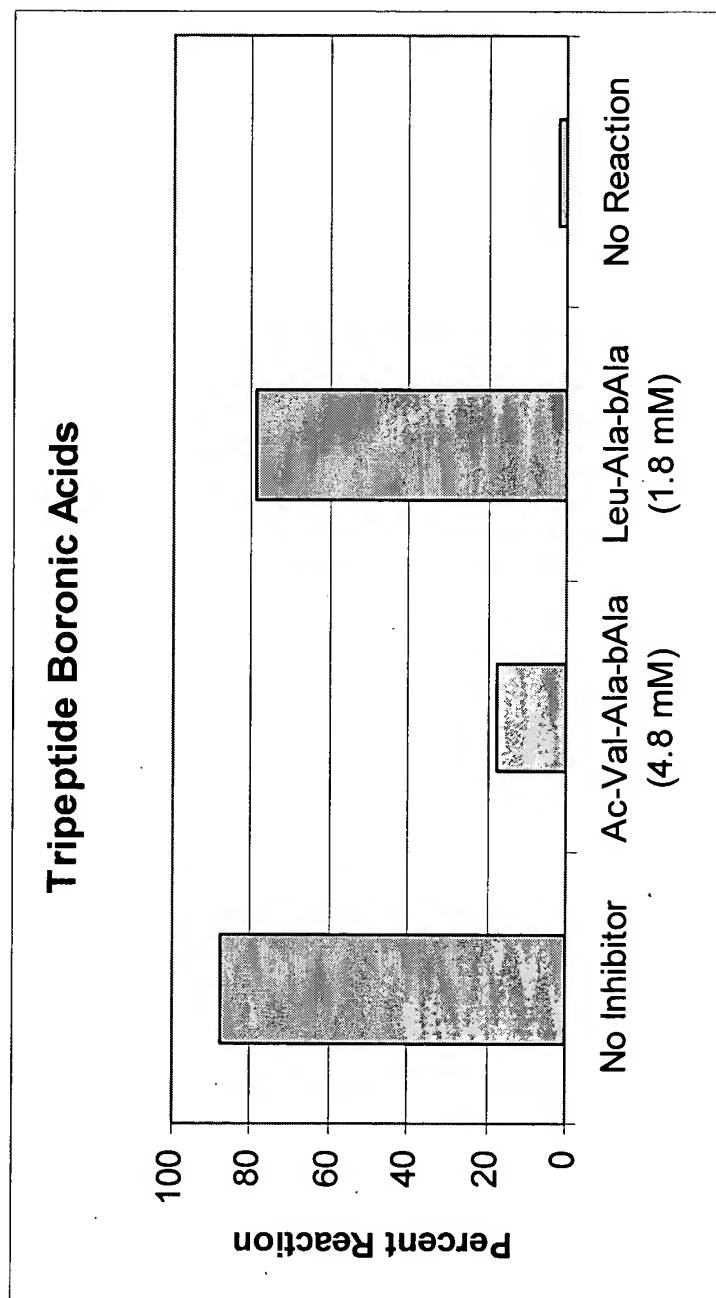
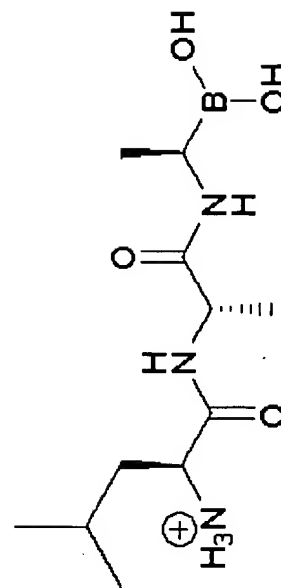


FIGURE 4

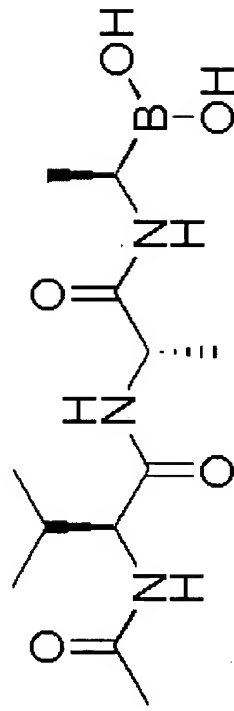


Ac-Val-Ala-bAla



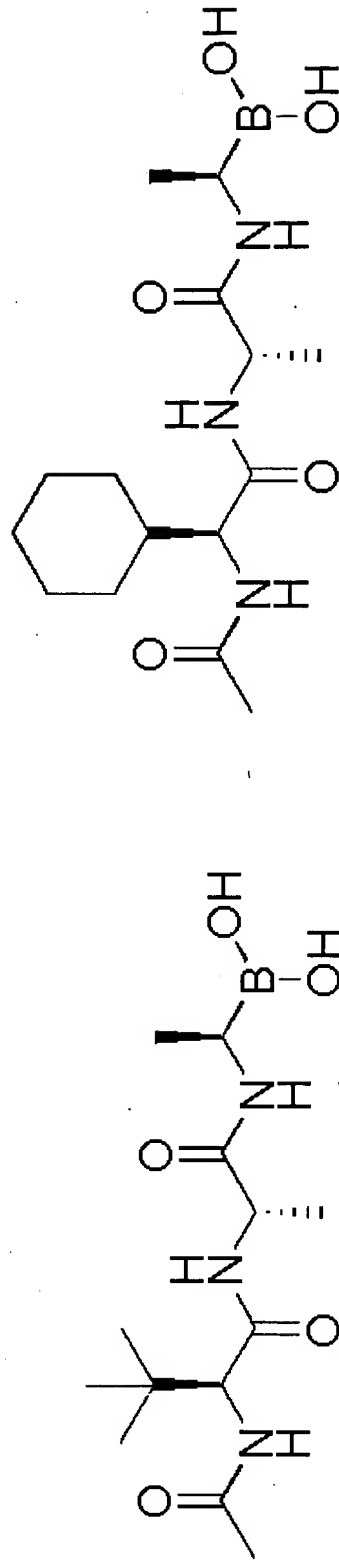
Leu-Ala-bAla

FIGURE 5



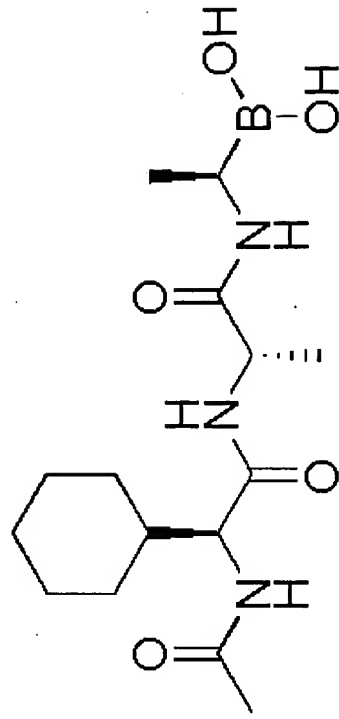
**Ac-Val-Ala-boroAla**

MW: 301.15



**Ac-tert-Bug-Ala-boroAla**

MW: 315.17



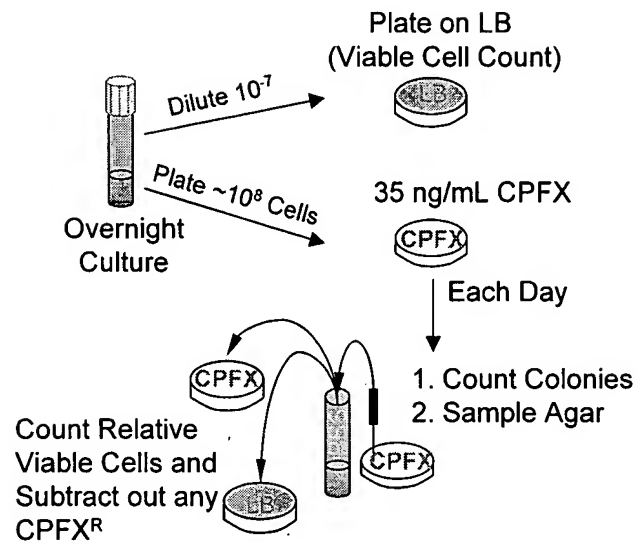
**Ac-Chg-Ala-boroAla**

MW: 341.21

## Tripeptide Boronic Acid Inhibitors

**FIGURE 6**

**SLAM Assay**



**Verify Adaptive Mutation**

Plate representative number of  
day 2, day 3, etc  
colonies on 0.035  $\mu$ g/ml CPF<sub>X</sub>

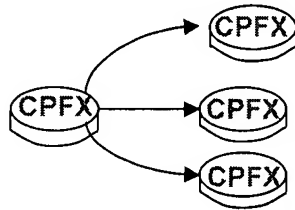


FIGURE 7

